

PATENT ATTORNEY DOCKET NO. 0047/026001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Robert DWILIŃSKI et al.

Title: NITRIDE SEMICONDUCTOR LASER DEVICE AND A METHOD FOR

IMPROVING ITS PERFORMANCE

International Application No.: PCT/PL2003/000061
International Filing Date : June 26, 2003
Priority Date : June 26, 2002
U.S. Filing Date : December 27, 2004

Mail Stop PCT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to their duty of good faith and candor as set forth in 37 CFR 1.56(a), applicants request that the references cited on attached form PTO-1449 (a copy of which is enclosed) be considered by the Examiner in connection with the search of the prior art required by 37 CFR 1.104.

Enclosed also please find a copy of the International Search Report, the International Preliminary Examination Report and copies of the cited references. The relevance of these references can be seen from the International Search Report. The English language abstracts for these Japanese Patent Application Publications and the French Patent Publication are also enclosed. Also enclosed is a full English language translation of the French Patent Publication No. 2,796,657.

Please note that the three Japanese Patent Application Publications are discussed on page 1 of the specification.

Please also note that the English language translations of Japanese Patent Application Publications are also enclosed. Please also note that these English translations are machine translations provided by the Japan Patent Office and the Japan Patent Office states that these translations may not precisely reflect the original Japanese text.

This Statement is being filed under 37 CFR 1.97(b) prior to the mailing date of a first Office Action on the merits.

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Information Disclosure Statement Application No.: filed concurrently Applicants: Robert DWILIŃSKI et al.

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It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Applicants' undersigned attorney may be reached at the telephone number listed below. All correspondence should continue to be directed to our address below.

Respectfully submitted,

Date: December 27, 2004

Randolph A. Smith Reg. No. 32,548

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	JP	2-137287		Α	HAMADA		05/1990		Abstrac
	JP	7-249830)	Α	OTOSHI et al.		09/1995		Х
	EP	0 949 73	1	Α	ITOH et al.		10/1999		
	JP	2000-828	63	A	HAMAGUCHI		03/2000		X
 	FR	2 796 65	7	Α	GERARD et al.	-	01/2001		X
-	JP	2002-264	42	A	TOJO et al.		01/2002		X
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EXAMINER DATE CONSIDERED

^{*}Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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STATEMENT BY APPLICANT (use as many sheets as necessary)					Filing Date	December 27, 2004	
					Applicants	Robert DWILIŃSKI et al.	
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	1 50 7	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the	T ²
EXAMINER INITIAL*	Cite No. 1	item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s),	
 _		DOUGLAS R. KETCHUM et al., "CRYSTAL GROWTH OF GALLIUM NITRIDE IN	
		SUPERCRITICAL AMMONIA", Journal of Crystal Growth, Jan. 2001, pp. 431-434, Vol. 222,	
		Elsevier Science B.V.	
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